

USCMS Engineer Status Report for April 2004

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1 Work Performed This Month

Monitoring scripts/tools for Tier-0 at DC04. Plots for various aspects of T0/transfer operations. Analysis of some transfer management failures (trigger dead-lock). Optimised and helped other optimise various SQL queries used at DC04. Generally helped Tony Wildish with Tier-0/transfer operations as needed.

Implemented, monitored and otherwise baby-sat agents to purge files from GDB. Ensured sufficient log output for "rich" post-DC04 analysis and GDB size optimisation.

Implemented EVD zipping agent. Several rounds of implementations and eventually evaluated different hardware that can cope with the task requirements. Settled on suncmsf + cms san/raid disks as the host to run it, proved capable to keep up with all the input thrown at it (nothing else I tried, including linux + normal raid did the job). More testing with the infrastructure in COBRA to read such files.

More RLS collaboration. Testing various improvements to RLS usage, mostly new POOL releases.

Helped Stefan Schimdt do good distcc/parallel build analysis (also in March).

2 Plans For Next Month

None

3 Longer Term Plans

None